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- (74) Agent: **TUBBY, David, George**; Marks & Clerk, 57-60 Lincoln's Inn Fields, London WC2A 3LS (GB).
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- (71) Applicant (for all designated States except US): **UNIVERSITY OF SOUTHAMPTON** [GB/GB]; Highfield, Southampton SO17 1BJ (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **OWEN, John, Robert** [GB/GB]; 3 Hanley Road, Southampton, Hampshire SO15 5AP (GB). **BARTLETT, Philip, Nigel** [GB/GB]; Amara, 11 Roseberry Road, Alresford SO24 9HQ (GB). **HAYDEN, Brian, Elliott** [GB/GB]; 35 Khar-toun Road, Highfield, Southampton SO17 1NY (GB). **RUSSELL, Andrea, Elizabeth** [US/GB]; 2 Canons Close, Warminster, Wiltshire BA12 9LA (GB). **BRACE, Karen, Marie** [GB/GB]; 2 Luccombe Place, Upper Shirley, Southampton SO15 7RQ (GB).
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(54) Title: METHOD FOR THE TESTING OF MULTIPLE MATERIALS FOR ELECTROCHEMICAL USES

(57) Abstract: An electrochemical cell for testing the electrochemical behaviour of a plurality of materials comprises: a first electrode; a counter-electrode bearing an electrochromic material having a visual or measurable property which changes in a manner proportional to the total charge passed through it; and an electrolyte between and in electrical contact with the first electrode and the counter-electrode; wherein one of the first electrode and the electrolyte comprises a plurality of regions, each region comprising a sample of material to be tested, the regions being, in the case of the first electrode, electrically connected to a common terminal. Such a cell can be used for a "combinatorial chemistry" approach to testing the properties of possible cell components.

WO 2004/063742 A1